

Title (en)
Process for preparing bisimides products.

Title (de)
Verfahren zur Herstellung von Bisimidprodukten.

Title (fr)
Procédé pour la préparation de produits bisimide.

Publication
EP 0391666 A1 19901010 (EN)

Application
EP 90303561 A 19900403

Priority
US 33298489 A 19890404

Abstract (en)
In a first embodiment this invention relates to a process for preparing a white product which principally contains a bisimide. The process comprises: providing tetrabromophthalic anhydride and a solvent in a reaction vessel; forming, at a temperature within the range of from 140 DEG C to 200 DEG C, a reaction mass by adding a diamine, a diamine salt or a mixture thereof to the solution, the formation of the reaction mass resulting in the production of a bisimide precipitate which becomes a component of the reaction mass; terminating the addition of the diamine when the molar ratio of the tetrabromophthalic anhydride initially present in the solution to the diamine or diamine salt added is substantially stoichiometric; cooking the bisimide precipitate to increase the average sphericity of the particles making up the bisimide precipitate; and recovering from the reaction mass, as the bisimide produce, the cooked precipitate. In a second embodiment the cooking step is optional and the retention of water formed during the diamine or diamine salt addition is featured.

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C07D 207/448 (2006.01); **C07D 209/48** (2006.01)

CPC (source: EP US)
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Citation (search report)

- [XP] EP 0348222 A1 19891227 - ETHYL CORP [US]
- [A] US 4644066 A 19870217 - SONNENBERG JOSEPH [US]
- [A] US 4535170 A 19850813 - SONNENBERG JOSEPH [US]
- [AD] US 4125535 A 19781114 - WOLFORD LIONEL T

Cited by
WO9413638A1; WO9325525A1; WO9325526A1

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